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Abstract

The invention relates to a belt roller (1) for a safety belt system in a motor vehicle, having a device (3) which locks the belt roll (2) in the event of a belt velocity which exceeds a threshold value and/or in the event of a vehicle deceleration/acceleration which exceeds a threshold value, the belt roll (2) having a torsion bar (5) which runs in its axial direction (4) and forms a torsionally resilient element, the torsion bar (5) being connected at one end to the locking device (3) and at the other end to the belt roll (2), and it being possible to set the maximum possible torsional resistance at least as a function of the weight of the respective user of the safety belt (22) by automatically altering the active portion of the torsion bar. In this context, it is essential to the invention that at least one coupling element (6), which can be adjusted on the torsion bar (5) by axial movement between an active position, in which it is rotationally fixedly connected to the torsion bar (5) on one side and the belt roll (2) on the other side, and a passive position, in which it is rotationally fixedly connected only to the belt roll (2) or only to the torsion bar (5), is provided between the locking device (3), on one side, and the connection of the torsion bar (5) to the belt roll (2), on the other side.

(Fig. 1)